



# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

January 20, 2016

**Board of Directors**

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Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination # 28/053116D

Dear Ms. Anthony:

Attached is an application for renewal of Delaware Solid Waste Authority's Beneficial Use Determination # 28/053116D. If you have any questions, please contact me at 302-875-3448 or [jv@dswa.com](mailto:jv@dswa.com).

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

Attachment

cc: Logan V. Miller, P.E., BCEE



### CHECKLIST FOR PERSONS APPLYING FOR A BUD

The attached application will not be processed unless all of the following information is provided by the applicant. The following checklist is based upon the specific requirements contained in Delaware's *Regulations Governing Solid Waste* (DRGSW) and the BUD Policy. Please complete this checklist by placing a check mark before each included item and submit along with the completed application to:

Department of Natural Resources and Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

- ☒ 1. Beneficial Use Determination (BUD) Application
- ☒ 2. Proof of ownership of the property, or copy of lease agreement
- ☒ 3. Written verification from the local zoning authority that the proposed activity is allowable at the proposed location
- ☒ 4. A Plan of Operation including a complete description of the equipment, process, and operating procedures, as well as the maximum quantity of feedstocks and product to be stockpiled
- ☒ 5. Evidence that the product use will not adversely affect human health and the environment This may require analyses and other tests.
- ☒ 6. Contracts or letters of intent from buyers showing there is a true market for the product
- ☒ 7. A Conceptual Closure Plan [pursuant to Section 4.4.1 of the DRGSW]
- ☒ 8. Evidence of financial assurance demonstrating financial responsibility for closure, as described in DRGSW Sec. 4.1.11.2
- ☒ 9. Proof that all applicable permits, licenses, and approvals have been obtained or applied for [pursuant to Section 4.4.1 of the DRGSW]
- ☒ 10. Background statement [pursuant to 7 Del. C. Chapter 79]

# **Beneficial Use Determination (BUD)**

## **Application**

### **Checklist Item #1**



Delaware Department of Natural Resources and Environmental Control  
Solid & Hazardous Waste Management Branch

**Beneficial Use Determination Application**

INSTRUCTION: The applicant may claim that some of the information presented in this Application is confidential. An applicant wishing to make such a claim should write, preferably in red ink, "claimed confidential information" at each point in the response where such confidentiality is claimed, and provide an explanation of why the release of such information would constitute an invasion of personal privacy or would seriously affect the applicant's business or competitive situation. The confidentiality determination will be subject to the **FOIA Regulation**, Section 6.

1. Facility Information:

Facility Name: Southern Solid Waste Management Center

Street: 28560 Landfill Lane

City: Georgetown County: Sussex State: DE

Zip: 19947 Phone(s): 302-875-3448 Fax: 302-875-5204

Total Site Area (Acres): 572 Latitude: 38.59464N Longitude: 75.43644W

2. Owner Information:

Owner's Name: Delaware Solid Waste Authority

Contact Person: James Vescovi, P.E., BCEE Title: Senior Facility Manager

Street Address: 1128 South Bradford Street

City: Dover State: DE Zip: 19904

Phone: 302-739-5361 Fax: 302-739-4287 Email: jv@dswa.com

3. Operator Information:

Operator's Name: Delaware Solid Waste Authority

Contact Person: James Vescovi, P.E., BCEE Title: Senior Facility Manager

Street Address: 28560 Landfill Lane

City: Georgetown State: DE Zip: 19947

Phone: 302-875-3448 Fax: 302-875-5204 Email: jv@dswa.com

4. Service Area (political jurisdictions and unincorporated area to be served by the facility):

Sussex County

5. Estimated Quantities of Recyclable Material & Product Expected to be Handled and Stored at the Facility:

A. Maximum daily tonnage of Recyclable Material expected: 1,000 tons

B. Maximum tonnage of Recyclable Material to be stored: 5,000 tons

C. Maximum tonnage of Product to be stored 5,000 tons

Note: Maximum daily and weekly tonnages must consider operating hours and days specified in Section 6 of this form.

6. Operating Hours:

A. Daily Operating Hours 6:30 am to 5:30 pm

B. Daily Business Hours (i.e. hours open to the public): 7:00 am to 5:00 pm

C. Days of Operation: 6 days per week Monday through Saturday

D. Operating Days Per Year: 312

**I certify, under penalty of law, that I have personally examined and am familiar with the information submitted in the Application and all attachments and that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.**

Jan 25, 2016

Date

James Vescovi

Signature of Applicant or Corporate Agent

Name: James Vescovi, P.E., BCEE Phone: 302-739-5361

Title: Senior Facility Manager Email: jv@dswa.com

Company: Delaware Solid Waste Authority

Address: 1128 South Bradford Street

Dover, DE 19904

**Proof of Ownership of the property, or  
copy of lease agreement**

**Checklist Item #2**

## **PROOF OF OWNERSHIP OF THE PROPERTY, OR COPY OF LEASE AGREEMENT**

The Delaware Solid Waste Authority (DSWA) must provide proof of ownership of the properties identified as production sites. Southern Solid Waste Management Center (SSWMC) is the only site currently proposed for hosting production. The following documents are copies of original deeds between DSWA and the original property owners filed with the Recorder of Deeds, Sussex County, Delaware. These documents demonstrate that DSWA owns that property.

Copies of Deeds will be provided prior to production at other locations owned by DSWA.

3014

BOOK 120-1 PAGE 17-2

(No. 443)

DEED-TYPEWRITER

Printed and Sold by Hark A. George Co., Stationers, 210 Tenth St., Wilmington, Del.

DSNA 913

# This Deed, Made this

18th day of August in the year of our LORD one thousand nine hundred and eighty-three (1983)

BETWEEN,

DAVID H. ELLIOTT, of near Laurel, Sussex County, State of Delaware, party of the first part,

AND

DELAWARE SOLID WASTE AUTHORITY, an instrumentality of the State of Delaware, with its principal office in Dover, Kent County, Delaware, party of the second part,

Witnesseth, That the said party of the first part, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) lawful money of the United States of America, and other good and valuable considerations, the receipt whereof is hereby acknowledged, hereby grant and convey unto the said party of the second part, its successors and assigns,

**AND** that certain tract, piece, or parcel of land situate in Broad Creek Hundred and Dagsboro Hundred, Sussex County, State of Delaware and lying on both sides of County Road 442 lying to the north of County Road 74, and bounded on the south by County Road 74 and lands now or formerly of International Acceptance Company, Anna Hitchens, Albert L. Merritt, and John G. Lilly, on the west by lands now or formerly of William H. Bearn and James M. Lewis, on the north by lands now or formerly of Alden B. James and on the east by lands now or formerly of Marie W. Philips and Nutter A. Marvel, and being more particularly described in accordance with a survey by Kidde Consultants, Inc., dated August 15, 1983, as follows, to-wit:

**BEGINNING** on the northwest side of County Road 74, 60 feet wide, at a point on the fifth line of the land described in the deed from David H. Elliott to International Acceptance Corporation dated March 13, 1980 and recorded in the Office of the Recorder of Deeds in and for Sussex County and the State of Delaware in Deed Book 998, Page 231, said beginning point being distant N 05° 33' 20" W 2.85 feet from a concrete monument heretofore set in said road, running thence binding reversely on a part of said fifth line (1) N 05° 33' 20" W 894.38 feet, thence binding reversely on the fourth, third and second lines of said land, three courses: (2) S 71° 19' 50" W 44.96 feet, (3) S 62° 14' 00" W 2320.56 feet and (4) S 83° 49' 56" W 2005.27 feet to a 1/2 inch pipe heretofore set in the center line of a ditch, thence continuing said line (5) S 83° 49' 56" W 15.52 feet to the center of County Road 442, thence binding on the division lines between the land now or formerly owned by Anna Hitchens to the south and the land owned by David H. Elliott on the north, three courses: (6) N 64° 45' 14" W 365.37 feet, (7) S 06° 58' 26" W, passing over a concrete monument heretofore set at the distance 7.38 feet and continuing said course 110.00 feet, in all, to a concrete monument heretofore set, and (8) N 88° 32' 32" W 1086.70 feet to a concrete monument heretofore set at the beginning of the fifth line of the land described in the deed from K-M Properties of Maryland, No. 1, Inc. to Albert L. Merritt dated July 18, 1980 and recorded among said Land Records in Deed Book 1018, Page 111, thence binding on the fifth and sixth lines of said land, two courses (9) N 05° 33' 53" E 744.69 feet and (10) N 11° 28' 36" E 147.98 feet to a concrete monument heretofore set, thence binding on the seventh line of said last mentioned land and continuing to bind on the second line of the land described in



BOOK 1204 PAGE 175

the deed from K-M Properties of Maryland, No. 1, Inc. to John G. Lilly dated July 18, 1980 and recorded among said Land Records in Deed Book 1018, Page 114, (11) N 85° 02' 44" W, 1852.18 feet to the center of a marked 48 inch poplar tree, thence binding on the east outline of the land conveyed in the deed from William R. Hearn and wife to William Harold Hearn and wife dated January 17, 1957 and recorded among said Land Records in Deed Book 469, Page 452, and on the west outline of the land of David H. Elliott, two courses: (12) N 76° 09' 00" E 925.31 feet to a concrete monument heretofore set and (13) N 06° 02' 55" E 851.73 feet to an iron marker heretofore set at the beginning of the fifth line of the land described in the deed from William R. Hearn and wife to James M. Lewis and wife dated February 7, 1961 and recorded among said Land Records in Deed Book 533, Page 222, thence binding on the fifth, sixth, seventh and eighth lines of said last mentioned land and on the lands of David H. Elliott adjacent to the south and east thereof, four courses: (14) S 67° 55' 08" E 696.71 feet to a concrete monument heretofore set, (15) N 48° 19' 23" E 1974.49 feet to an iron pin heretofore set (16) N 02° 15' 05" W 691.44 feet to an iron pin heretofore set and (17) N 15° 05' 15" W 285.72 feet to 1 inch square iron bar heretofore set, thence continuing said last line binding on the lands of said David H. Elliott (18) N 15° 05' 15" W 129.24 feet, thence binding on the division line between the lands of David H. Elliott on the south and the land conveyed in the deed from Norris E. King and others to Alden B. James and wife dated March 28, 1957 and recorded among said Land Records in Deed book 472, Page 477 on the north (19) S 82° 12' 15" E 4074.03 feet to a concrete monument heretofore set, thence binding on the division lines between the land of said David H. Elliott on the southwest and the lands of Maria W. Philips and Nutter A. Marvel to the northeast, three courses: (20) S 24° 44' 33" E 2417.08 feet to pipe heretofore set in the center of a drainage ditch, (21) S 60° 44' 33" E 115.00 feet and (22) S 07° 42' 44" E 1392.63 feet to a point on the northwest side of said Road 74, said last mentioned point of being distant N 07° 42' 44" W 2.85 feet from a concrete monument heretofore set in said road, thence binding on the northwest side of said Road 74, (23) S 67° 00' 00" W 641.55 feet to the place of beginning.

Containing 566.4623 acres of land.

AND BEING a part of the same lands and premises as were conveyed unto David H. Elliott by Deed of David H. Elliott and Mary Ellen Elliott, husband and wife, dated June 13, 1979 and of record in the Office of the Recorder of Deeds in and for Sussex County, Delaware at Georgetown in Deed Book 955, Page 316.

BOOK 1204 PAGE 175

In Witness Whereof, the said party of the first part has hereunto set his hand and seal, the day and year aforesaid.

Witness my hand and seal in the presence of

*David H. Elliott*  
DAVID H. ELLIOTT

State of Delaware,  
KENT



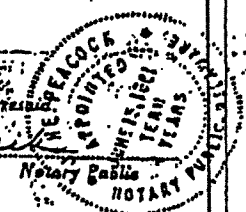
On this 18th day of August in the year of our LORD, one thousand nine hundred and eighty-three (1983) personally came before me, the subscriber, a notary public for the State and County aforesaid, DAVID H. ELLIOTT

part y to this Indenture, known to me personally to be such, and he acknowledged this Indenture to be his Act and

GIVEN under my Hand and Seal of office, the day and year aforesaid.

RECEIVED  
MARY ANN HAMMOND  
1983 AUG 18 PM 2:41  
RECORDER OF DEEDS  
SUSSEX COUNTY

19 PURCHASERS REPORT MOORE  
DAY OF AUG 1983  
ASSESSMENT & TAXATION OF SUSSEX COUNTY



RECEIVED  
MANY ANN 11A440HD  
1983 AUG 18 PM 2:41  
RECORDER OF DEEDS  
SUSSEX COUNTY

14th OFFICES  
PARKOFFEL, MOBLE & GUERRE  
116 W. Euler St.  
Perry, Delaware 19901

**DEED**

DAVID H. ELLIOTT

CO

DELAWARE SOLID WASTE AUTHORITY

Received for Record

A. D., 19

Recorder

Fee for Recording, etc., \$

006 920  
(45) 198372

State of Delaware,

*Sussex* County, } ss.

Recorded in the office for the Recording of Deeds, &c., at Christiana  
in and for the said County of Sussex  
in Deed Record 1204 Vol. 124 Page 187 &c.  
the 18th day of August A. D. 1983  
WITNESS my Hand and the Seal of said office.

*Thomas D. Hammon*  
Recorder.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT		B. TYPE OF LOAN	
SETTLEMENT STATEMENT		1. <input type="checkbox"/> FHA 2. <input type="checkbox"/> VA 3. <input type="checkbox"/> OTHER	
		4. <input type="checkbox"/> VA 5. <input type="checkbox"/> CONV. INS. 6. <input type="checkbox"/> OTHER	
C. NOTE: This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent shown. Items marked "(p.o.s.)" were paid outside the closing; they are shown here for informational purposes and are included in the totals.		7. MORTGAGE INSURANCE CASE NUMBER:	
D. NAME OF BORROWER	E. NAME OF SELLER	F. NAME OF LENDER	
DELAWARE SOLID WASTE AUTHORITY	DAVID H. ELLIOTT		
G. PROPERTY LOCATION	H. SETTLEMENT AGENT	I. SETTLEMENT DATE	
Broad Creek Hundred Dagsboro Hundred both sides of County Road 442 - 566.4623A+	John W. Noble, Esq. S. Bradford Street Dover, DE	August 17, 1982	
J. SUMMARY OF BORROWER'S TRANSACTION			
100. GROSS AMOUNT DUE FROM BORROWER			
101. Contract sales price	102. Personal property	103. Settlement charges to borrower (line 1400)	104. County Taxes 1983-84
649,431.85		9.00	427.50
Adjustments for items paid by seller in advance			
105. CHY/Flows taxes	106. County taxes	107. Assessments	108.
109.	110.	111.	112.
120. GROSS AMOUNT DUE FROM BORROWER	121. AMOUNTS PAID BY OR IN BEHALF OF BORROWER	122. Principal amount of new loan(s)	123. Existing loan(s) taken subject to
649,868.35	100.00		
Adjustments for items unpaid by seller			
124. CHY/Flows taxes	125. County taxes	126. Assessments	127.
	5/1 to 8/17/83		
128.	129.	130.	131.
220. TOTAL PAID BY/ FOR BORROWER	221. CASH AT SETTLEMENT FROM TO BORROWER	222. Gross amount due from borrower (line 120)	223. Low amounts paid by seller (line 220)
	227.53	649,868.35	227.53
301. CASH (B) FROM (1 TO) BORROWER	302. CASH (B) FROM (1 TO) BORROWER	303. CASH (B) FROM (1 TO) BORROWER	304. CASH (B) FROM (1 TO) BORROWER
		649,640.82	
K. SUMMARY OF SELLER'S TRANSACTION			
400. GROSS AMOUNT DUE TO SELLER			
401. Contract sales price	402. Personal property	403.	404.
649,431.85			
Adjustments for items paid by seller in advance			
405. CHY/Flows taxes	406. County taxes	407. Assessments	408.
409.	410.	411.	412.
420. GROSS AMOUNT DUE TO SELLER	421. REFLECTIONS IN AMOUNT DUE TO SELLER	422. Gross amount due to seller (line 420)	423. Low amounts paid by seller (line 420)
649.43	100.00	649.43	100.00
Adjustments for items unpaid by seller			
424. CHY/Flows taxes	425. County taxes	426. Assessments	427.
	5/1 to 8/17/83		
428.	429.	430.	431.
520. TOTAL REFLECTION AMOUNT DUE SELLER	521. CASH AT SETTLEMENT TO/ FROM SELLER	522. Gross amount due to seller (line 420)	523. Low amounts paid by seller (line 520)
630,601.1	630,601.0	649,431.85	630,601.0
602. CASH (X) TO (O) FROM SELLER	603. CASH (X) TO (O) FROM SELLER	604. CASH (X) TO (O) FROM SELLER	605. CASH (X) TO (O) FROM SELLER
		18,830.5	

- Settlement is made subject to further adjustment between all parties in the event of errors in calculations.
- Each has received a copy of the settlement statement.
- All adjustments are approved prior to the execution of the contract of purchase and sale.
- The law firm of Parsons, Noble & Guehr, P.A. assumes no responsibility for the accuracy of information supplied as to 19-01, special assessments or taxes on existing encumbrances.

BUYER'S

J. C. Brown

SELLER'S

David H. Elliott

U.S. 3/76

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT		B. TYPE OF LOAN	
<b>SETTLEMENT STATEMENT</b> Printed and sold by Nash A. Gurne Co., Baltimore 110 Tenth Street, Baltimore, Md.		1. <input type="checkbox"/> FHA 2. <input type="checkbox"/> FmHA 3. <input type="checkbox"/> CONV. UNINS. 4. <input type="checkbox"/> VA 5. <input type="checkbox"/> CONV. INS.	
		6. <input type="checkbox"/> 1st Mortgage 7. <input type="checkbox"/> 2nd Mortgage 8. <input type="checkbox"/> Other	
C. NOTE: This form is furnished to give you a statement of actual settlement costs. Amounts paid to and by the settlement agent are shown. Items marked "(p.o.s.)" were paid outside the closings; they are shown here for informational purposes and are not included in the totals.		9. <input type="checkbox"/> 1st Mortgage 10. <input type="checkbox"/> 2nd Mortgage 11. <input type="checkbox"/> Other	
D. NAME OF BORROWER: DELAWARE SOLID WASTE AUTHORITY		E. NAME OF SELLER: MARIE W. PHILLIPS RUHL WILLIAM A. RUHL, JR.	
F. NAME OF LENDER:		G. MORTGAGE INSURANCE COST NUMBER:	
G. PROPERTY LOCATION: Dagsboro Hundred s/w side of Rt. 20		H. SETTLEMENT AGENT: John W. Noble, Esq. PLACE OF SETTLEMENT: Georgetown, Delaware	
I. SETTLEMENT DATE: December 22, 1987			
<b>J. SUMMARY OF BORROWER'S TRANSACTION</b>			
<b>100. GROSS AMOUNT DUE FROM BORROWER:</b>			
101. Contract sales price	13,500.00		
102. Personal property			
103. Settlement charges to borrower (line 1400)	26.00		
104.			
105.			
<b>Adjustments for items paid by seller in advance</b>			
106. City/town taxes to			
107. County taxes 12/22 to 4/30/84	1.18		
108. Assessments to			
109.			
110.			
111.			
112.			
120. GROSS AMOUNT DUE FROM BORROWER	13,527.18		
<b>200. AMOUNTS PAID BY OR IN BEHALF OF BORROWER:</b>			
201. Deposit of earnest money			
202. Principal amount of new loan(s)			
203. Existing loan(s) taken subject to			
204.			
205.			
206.			
207.			
208.			
209.			
<b>Adjustments for items unpaid by seller</b>			
210. City/town taxes to			
211. County taxes to			
212. Assessments to			
213.			
214.			
215.			
216.			
217.			
218.			
219.			
220. TOTAL PAID BY/ FOR BORROWER	-0-		
<b>300. CASH AT SETTLEMENT FROM/ TO BORROWER</b>			
301. Cash amount due from borrower (line 120)	13,527.18		
302. Loan amounts paid by/ for borrower (line 220)	-0-		
303. CASH ( ) FROM ( ) TO BORROWER	13,527.18		
<b>K. SUMMARY OF SELLER'S TRANSACTION</b>			
<b>400. GROSS AMOUNT DUE TO SELLER:</b>			
401. Contract sales price	13,500.00		
402. Personal property			
403.			
404.			
405.			
<b>Adjustments for items paid by seller in advance</b>			
406. City/town taxes to			
407. County taxes 12/22 to 4/30/84	1.18		
408. Assessments to			
409.			
410.			
411.			
412.			
420. GROSS AMOUNT DUE TO SELLER	13,501.18		
<b>500. REDUCTIONS IN AMOUNT DUE TO SELLER:</b>			
501. Earnest deposit (see instructions)			
502. Settlement charges to seller (line 1400)	-0-		
503. Existing loan(s) taken subject to			
504. Payoff of first mortgage loan			
505. Payoff of second mortgage loan			
506.			
507.			
508.			
509.			
<b>Adjustments for items unpaid by seller</b>			
510. City/town taxes to			
511. County taxes to			
512. Assessments to			
513.			
514.			
515.			
516.			
517.			
518.			
519.			
520. TOTAL REDUCTION AMOUNT DUE SELLER	-0-		
<b>600. CASH AT SETTLEMENT TO/ FROM SELLER</b>			
601. Cash amount due to seller (line 420)	13,501.18		
602. Loan reductions to amount due seller (line 520)	-0-		
603. CASH ( ) TO ( ) FROM ( ) SELLER	13,501.18		

- Settlement is made subject to further adjustment between all parties in the event of errors in calculations.
- Each has received a copy of the settlement statement.
- All disbursements are approved prior to the execution of the contract of indebtedness.
- The law firm of Paton, Noble & Gurne, P.A. assumes no responsibility for the accuracy of information supplied as to taxes, special assessments or balances on existing encumbrances.

BUYER(S):

.....  
 .....  
 .....

SELLER(S):

.....  
 .....  
 .....

BOOK 1231 PAGE 27

In Witness Whereof.

hand s and seal s

the said part ies of the first part ha ve hereunto set their  
the day and year aforesaid.

Signed and delivered in the presence of

*John L. M...*  
*(as to both)**Marie W. Phillips Ruhl*

Marie W. Phillips Ruhl

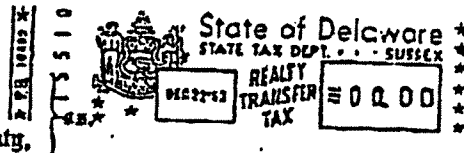
*William A. Ruhl, Jr.*

William A. Ruhl, Jr.

State of Delaware,

SUSSEX

County,



this 22<sup>nd</sup> day of December in the year of our LORD, one thousand  
nine hundred and eighty-three personally came before me, the subscriber,  
a Notary Public for the State and County aforesaid, Marie W. Phillips  
Ruhl and William A. Ruhl, Jr., her husband,

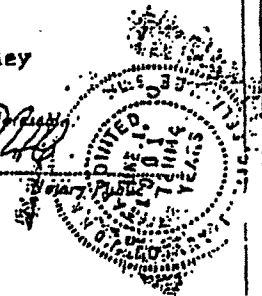
part ies to this Indenture, known to me personally to be such, and they  
acknowledged this Indenture to be their Act and Deed.

GIVEN under my Hand and Seal of office, the day and year aforesaid.

RECEIVED  
MARY ANN HAMMOND

1983 DEC 22 PM 3 22

RECORDED BY CLERK  
SUSSEX COUNTY



Dec. 1983

DEED

1231 PAGE 34

(No. 14-B)

DEED-TYPEWRITER

Printed and Sold by Hugh A. George Co., Inc., 210 Tenth St., Wilmington, Del.

This Deed, Made this

22<sup>nd</sup>

day of December

in the year of

our LORD one thousand nine hundred and eighty-three

BETWEEN, ALDEN B. JAMES and NANETTE C. JAMES, his wife of near Laurel, Sussex County and State of Delaware, Parties of the First Part,

and

DELAWARE SOLID WASTE AUTHORITY, an instrumentality of the State of Delaware, having its principal office in Dover, Kent County, Delaware, Party of the Second Part

WITNESSETH, That the said parties of the first part, for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, lawful money of the United States of America,

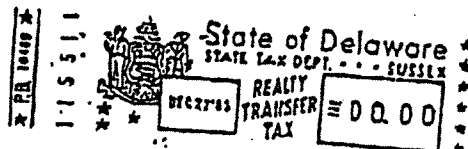
the receipt whereof is hereby acknowledged, hereby grant and convey unto the said part Y of the second part, its successors and assigns:

ALL that certain piece or parcel of land lying on the southwest side of State Route 20, and east of, but not adjacent to, County Road 442 in Broad Creek Hundred, Sussex County, State of Delaware and being more particularly described in accordance with a survey, dated October 14, 1983, by Kidd Consultants, Inc., as follows, to-wit:

BEGINNING for the same at the concrete monument heretofore set at the end of the nineteenth line of the 566.4623 acre parcel described in the deed from David H. Elliott to Delaware Solid Waste Authority, dated August 18, 1983 and recorded in the Office of the Recorder of Deeds in and for Sussex County and the State of Delaware in Deed Book 1204, Page 174, said monument being at a southeast corner of the land described in the deed from Norris B. King and wife, and others, to Alden B. James and wife, dated March 28, 1957 and recorded in the aforementioned Office of the Recorder of Deeds in Deed Book 472, Page 477, running thence binding on the east outline of said last mentioned land and binding also on a part of the west outline of the land described in the deed to Marie W. Phillips, recorded in said Office of the Recorder of Deeds in Deed Book 542, Page 156, (1) N 15° 22' 18" W 2310.83 feet, to a concrete monument heretofore set, thence still binding on said outlines, (2) N 15° 22' 18" W 9.37 feet to a point on the southwest Right-Of-Way line of Route 20, sixty five feet wide, thence binding on said Right-Of-Way Line, (3) N 56° 56' 27" W 75.36 feet, thence (4) S 15° 22' 18" E 2355.17 feet to a point on the aforementioned nineteenth line, and thence binding on a part thereof, (5) S 82° 12' 15" E 54.39 feet to the place of beginning.

Containing 2.6833 acres of land.

AND BEING a part of the same lands and premises conveyed to Alden B. James and Nanette C. James, his wife, by Deed of Norris B. King, at ux, et al, dated March 28, 1957, of record in the Office of the Recorder of Deeds in and for Sussex County at Georgetown, Delaware in Deed Book 472, Page 477.



-2-

L. SETTLEMENT CHARGES				PAID FROM Borrower's FUND AT SETTLEMENT	PAID FROM SELLER'S FUND AT SETTLEMENT
700. TOTAL SALES/BROKER'S COMMISSION based on price \$ @ %					
Division of Commission (line 700) as follows:					
701. \$	to				
702. \$	to				
703. Commission paid at Settlement					
704.					
800. ITEMS PAYABLE IN CONNECTION WITH LOAN					
801. Loan Origination Fee	\$				
802. Loan Discount	\$				
803. Appraisal Fee	to				
804. Credit Report	to				
805. Lender's Inspection Fee					
806. Mortgage Insurance Application Fee	to				
807. Assumption Fee					
808.					
809.					
810.					
811.					
900. ITEMS REQUIRED BY LENDER TO BE PAID IN ADVANCE					
901. Interest from	to	@ %	day		
902. Mortgage Insurance Premium for	months to				
903. Hazard Insurance Premium for	years to				
904.	years to				
905.					
1000. RESERVES DEPOSITED WITH LENDER					
1001. Hazard Insurance	months @ \$		per month		
1002. Mortgage Insurance	months @ \$		per month		
1003. City property taxes	months @ \$		per month		
1004. County property taxes	months @ \$		per month		
1005. Annual assessments	months @ \$		per month		
1006.	months @ \$		per month		
1007.	months @ \$		per month		
1008.	months @ \$		per month		
1100. TITLE CHARGES					
1101. Settlement or closing fee	to				
1102. Abstract or title search	to				
1103. Title examination	to				
1104. Title Insurance binder	to				
1105. Document preparation	to				
1106. Notary fees	to				
1107. Attorney's fees	to				
Includes above items numbers:					
1108. Title Insurance	to				
Includes above items numbers:					
1109. Lender's coverage	\$				
1110. Owner's coverage	\$				
1111.					
1112.					
1113.					
1200. GOVERNMENT RECORDING AND TRANSFER CHARGES					
1201. Recording local Deed \$ 9.00		Mortgage \$	Easement: 17.00	26.00	
1202. City/county tax/stamp: Deed \$		Mortgage \$			
1203. State tax/stamp: Deed \$		Mortgage \$			
1204.					
1205.					
1300. ADDITIONAL SETTLEMENT CHARGES					
1301. Survey	to				
1302. Post inspection	to				
1303.					
1304.					
1305.					
1400. TOTAL SETTLEMENT CHARGES (enter on lines 103, Section J and 502, Section K)				26.00	-0-



RECEIVED  
MARY ANN HAMMOND  
DEC 22 PM 3 24  
RECORDER OF DEEDS  
SUSSEX COUNTY

DELAWARE  
JAN 24 1984  
DELAWARE SOLID  
WASTE AUTHORITY

**DEED**

ALDEN B. JAMES and  
NANETTE C. JAMES, parties  
of the first part,

and

DELAWARE SOLID WASTE AUTHORITY,  
party of the second part

Received for Record

A. D. 19

Recorder

Fee for Recording, etc., \$

*Ed. Pantowick, Nolla & Thunke*

247271 (85) 900

State of Delaware,

*Sussex* County, ss.

Returned in the office for the Recording of Deeds, etc.,  
in and for the said County of  
in Deed Record Vol. *1231* Page *34*  
the *22nd* day of *Dec* A. D. 19*83*

WITNESS my Hand and the Seal of said office.

*Mary Ann Hammond*  
Recorder.

**Written Verification from the Local  
Zoning Authority that the Proposed  
Activity is Allowable at the Proposed  
Location**

**Checklist Item #3**



# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
*Chief Executive Officer*

Robin M. Roddy, P.E., BCEE  
*Chief Operating Officer*

## Board of Directors

Gerard L. Esposito  
*Chairman*  
Ronald G. McCabe  
*Vice Chairman*  
Theodore W. Ryan  
Timothy P. Sheldon  
Tonda L. Parks  
Gregory V. Moore, P.E.  
Norman D. Griffiths

January 20, 2016

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination # 28/053116D  
Checklist Item #3  
Zoning Verification

Dear Ms. Anthony:

Delaware Solid Waste Authority is exempt from zoning restrictions under 7 Delaware Code Chapter 64. As such, no zoning variance is required.

If you have any questions, please feel free to contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

May-24-06 01:52P

P.01

Sussex County  
Planning & Zoning Commission  
PO Box 417  
Georgetown, DE 19840  
302.855.0878  
302.854.5079 (fax)



John L. Allen, Chairman  
Robert C. Wheatley, Vice-Chairman  
W. Landon Johnson  
Ronald P. Lynch  
Benjamin Gordy  
Lawrence H. Ladd, Director

### LAND PARCEL ZONING VERIFICATION

PLEASE BE ADVISED THAT THE FOLLOWING PARCEL:

TAX MAP (DISTRICT) 232 (MAP) 9 (PARCEL) 19

LOCATION: E+W 121442 2700' S/R+20

CURRENT ZONING: ARI

THIS INFORMATION HAS BEEN CONFIRMED FROM OFFICIAL SUSSEX COUNTY ZONING MAP.

THE CURRENT PROPERTY OWNER LISTED (BASED ON ASSESSMENT RECORDS):

Delaware Solid Waste Authority  
PO Box 455  
Dover DE 19903

INFORMATION PROVIDED BY:

[Signature]  
SUSSEX COUNTY STAFF MEMBER

DATE

5/24/06

**A Plan of Operation Including a  
Complete Description of the  
Equipment, Process, and Operating  
Procedures, as well as the Maximum  
Quantity of Feedstocks and Product to  
be Stockpiled**

**Checklist Item #4**

**Plan of Operation**  
**Southern Solid Waste Management Center**  
**Production of Alternate Daily Cover from Dry Waste**

This operating plan is for the production of a ground material comprised of dry waste delivered to the Delaware Solid Waste Authority (DSWA). The intended use of the product is as alternate daily cover (ADC) in DSWA's landfill operations. Dry waste diverted from disposal and recycled on site will extend the life of DSWA landfills and reduce the use of virgin cover. A portion of dry waste delivered to DSWA has been recycled at an out of state facility for the last five years.

The maximum amount of recyclable dry waste material expected to be received daily at any one facility is 1,000 tons, the maximum amount of dry waste staged prior to processing is 5,000 tons, and the maximum amount of ADC product stored onsite is anticipated to not exceed 5,000 tons.

**I. Dry Waste Identification and Acceptance Procedures**

Segregated loads of dry waste material are collected by haulers in anticipation of the material being recycled at DSWA facilities. The dry waste is identified at the scalehouse by the hauler and weighmaster. The dry waste is then directed for acceptance at either a recycling location not on the lined area that meets the requirements of the Department or at the currently permitted active disposal cell.

The attendant at the unloading point must be present at the time of unloading. Material will only be accepted at the processing site following further waste screening and inspection of the material once it is unloaded. No out of state material will be accepted for ADC production. The attendant must be familiar with the dry waste acceptance requirements of this Plan, DSWA's Waste Screening Policy, and the types of dry waste suitable for processing.

Each segregated load of dry waste will be inspected after it is unloaded. Material that is suitable for processing into ADC will be segregated and processed. Material that is identified as not suitable for ADC processing and identified in the facility's operating permit as acceptable for disposal, may be disposed. Material that is identified as not suitable for ADC processing, not suitable for other recycling markets, or is identified in the facility's landfill permit as not acceptable, will be rejected. Material suitable for other recycling markets may be segregated and recycled. The unloaded material may also require special handling should it be suspected of being hazardous or regulated. In the event that the material is suspected of being hazardous or regulated, DSWA will handle the material according to DSWA's current version of its Waste Screening Policy. A flow diagram labeled ADC Plan of Operations – Waste Acceptance Flow Chart - Appendix A, diagrams these alternatives.

## **II. Equipment Operation and Maintenance**

DSWA will use a combination of equipment and manual labor to segregate and handle material. Personal protective equipment (PPE) and workplace safety equipment will be provided and used as required.

The majority of the dry waste will generally be handled by equipment such as loaders, backhoes, or grapple. However, unacceptable material or material that is suitable for landfilling, recycling, or rejection may be removed by hand when it is desirable and safe to do so.

A combination of grinders, screens, backhoes, loaders, excavators and trucks will also be used as needed. All machines will be operated in accordance with manufacturer's recommendation, permits, and this plan of operation. Equipment will be maintained and operated in a manner that protects the environment and the staff.

## **III. Visual and Analytical Monitoring of the Product**

### **A. Visual Monitoring**

Weighmasters initially screen the segregated loads of dry waste at the scalehouse through use of waste screening techniques. DSWA staff at the dry waste recycling location is responsible for conducting an inspection of each segregated load. Inspection will be done by the attendant when observing trucks unload, when the waste is on the ground, and during the loading of the grinder. The attendant will reject waste identified as not acceptable by the landfill's operating permit, this recycling plan, or other recycling activity. Putricible waste or other material acceptable for disposal at the site but unsuitable for processing into ADC will be removed to the extent practical. Appendix B will be used as a guide to reject unsuitable dry waste materials.

### **B. Analytical Monitoring & Reports and Corrective Action**

The ADC product must have: moisture content of 20% or greater and inert material content equal to or greater than 65% at time of processing. These are herein called the performance standards. Other requirements are listed in Appendix C, Sampling and Analysis Plan.

The ADC product will be sampled and analyzed in accordance with the requirements of Appendix C, Sampling and Analysis Plan. A representative sample of the product will be tested by a professional licensed firm and the results reviewed by DSWA staff or their representative. This analysis will be used to make appropriate adjustments in the process or to take corrective action.

In the event the result of the analysis do not meet the minimum criteria. The process will be reviewed, appropriate action taken, and the testing resumed as outlined in Appendix C. Actions required to maintain compliance with the Sampling and Analysis Plan will be reported in the annual BUD report to the Department.

Test results will be reviewed in a timely manner and will be requested within seven (7) calendar days of sampling.

#### **IV. Training and Emergencies**

DSWA staff will be trained in the proper use of the equipment and the recycling process prior to work in ADC production. The manufacturer's representative or another person specifically knowledgeable in the operation of the equipment will conduct equipment training. This training will include the operation, safety features and hazards that might be encountered. DSWA staff knowledgeable in waste screening and the requirements of the BUD, will train individuals responsible for accepting or rejecting materials, handling unacceptable material, and how to respond to hazards.

The following subjects will be covered in training: the manufacturer's operating and maintenance manual, DSWA waste screening policy, SSWMC Emergency and Contingency Plans, the list of materials unacceptable for processing into ADC, and what types of material constitute dry waste.

No smoking will be permitted in the ADC production area.

#### **V. Dust, Litter, Odor, and Leachate Control**

Processing equipment will be selected and operated in a manner to meet air permit standards in effect at the site. Dust may be controlled by the use of water sprays on operating equipment or by the addition of water to the input material, or by other effective means.

The DSWA sites currently have in place methods of controlling litter. These include combinations of a daily litter patrol(s), permanent litter fences, and temporary litter fences. These precautions will be supplemented if necessary.

The proposed operation is not expected to generate odors since the material being processed does not readily generate odors.

Leachate production is expected to be minimized and controlled. The material has a reduced potential for environmental degradation and leachate production. The product and feedstock will be stored on an impervious surface or on the landfill cell.



## **VI. Product Performance Characteristics**

Alternate daily cover production shall be monitored and supplemented so that when produced and applied as directed the product will:

- (a) Control odors, disease vector breeding, animal attraction, blowing litter, scavenging, and reduce the potential for fires.
- (b) Shall consist of at least six (6) inches of ADC material.
- (c) The ADC cover layer which remains in place under waste shall not preclude leachate flow downwards towards the leachate collection system.
- (d) Exposed ADC cover which remains in place for more than two days shall be inspected at least weekly and shall be maintained as necessary to control odors, disease vector breeding, animal attraction, blowing litter, scavenging, and fires.

## **VII. Use of the Product**

The ADC product will be transported to the working face and applied in a layer that when compacted is at least six (6) inches thick. The material may be transported by use of a loader and truck, or pushed to the working face by dozer or compactor. Soil or other inert material may be added during the processing or handling of the material.

DSWA may establish volumes or weight ratio of amendments to product, or other means to determine operational guidelines for meeting the minimum inert requirements, moisture or other characteristics specified herein.

## **VIII. Coincidental Activities**

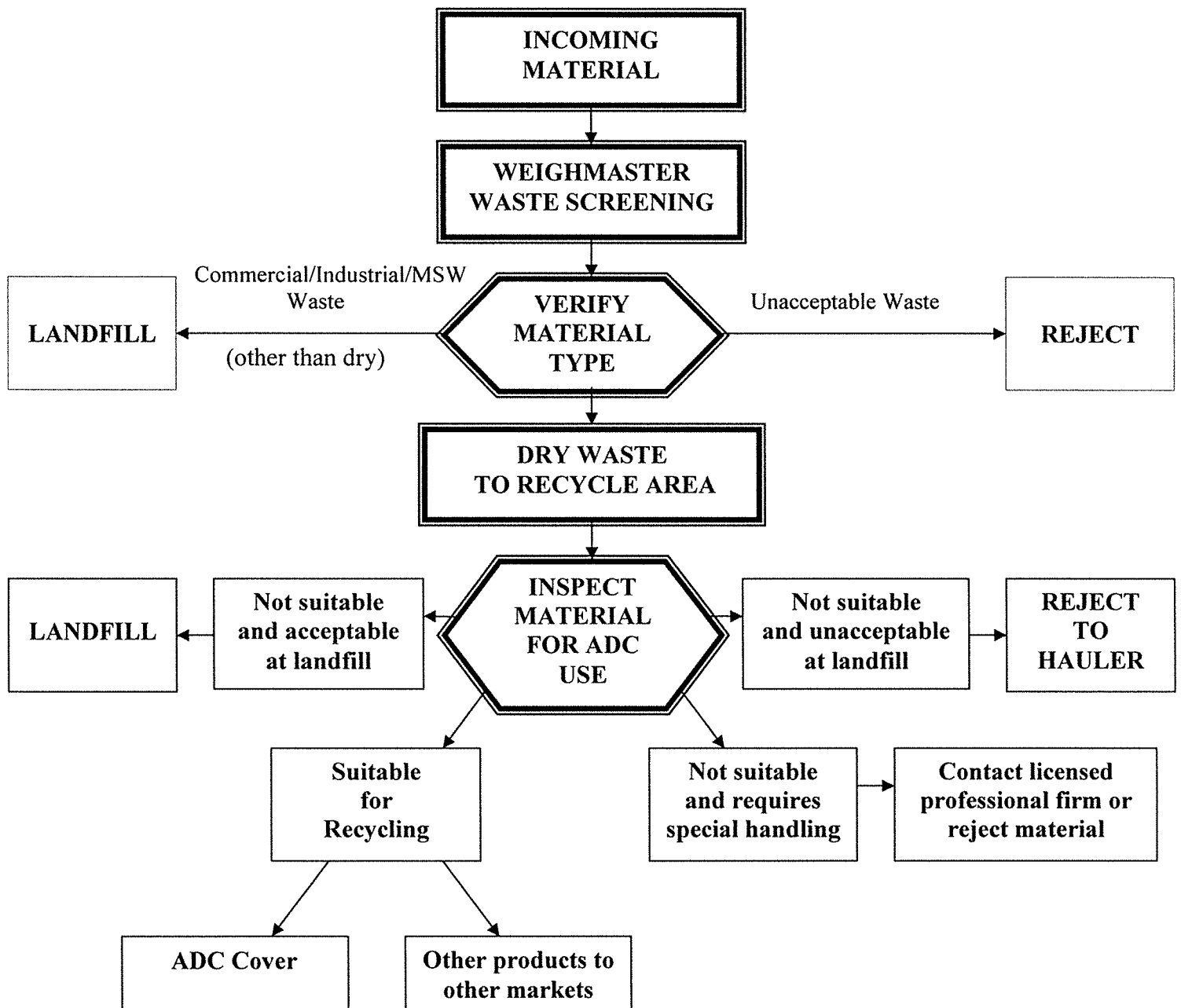
Recyclable materials such as gypsum, cardboard, etc. may be segregated from the dry waste for recycling. Non-recycled components may be processed for volume reduction prior to shipping to disposal, even though ADC processing is not being conducted. Other coincidental activities that do not interfere with ADC production may be conducted.

## **IX. Record Keeping**

DSWA will record the amount of material diverted from the landfill as well as the amount of material recycled to other markets. DSWA will maintain the results of the analytical tests for one year.

# **WASTE ACCEPTANCE FLOW CHART**

## **APPENDIX A**



**WASTE UNACCEPTABLE  
FOR DRY WASTE RECYCLING**

**APPENDIX B**

## Unacceptable Dry Waste for ADC Production

<u>CATEGORIES</u>	<u>SPECIFIC MATERIALS<sup>1</sup></u>	<u>OTHER MATERIALS<sup>2</sup></u>
Municipal Solid Waste	Air Bags	Asbestos
Infectious Waste	Appliance	Contaminated Soil
Radioactive Waste	Asphalt	
Liquid Waste	Automobile Parts	
Putricible Waste	Batteries	
Hazardous Waste	Bedding material for animals	
	Compressed Gas Cylinders	
	Creosote Lumber	
	Dead Animals	
	Drums and barrels unless open to atmosphere	
	Electronic Items	
	Electrical ballasts	
	Feed for animals	
	Fire Extinguishers	
	Fluorescent light bulbs	
	Fuel tanks unless empty and open to atmosphere	
	Containers of Paint	
	Containers of liquids	
	Manure	
	Medical Waste	
	Mobile Homes unless approved under the MHU Recycling Program	
	Poles from industrial setting	
	Propane Bottles	
	Sewage Sludge	
	Smoke Detectors	
	Soil contaminated by septic waste	
	Unapproved Industrial Waste	
	Unemptied containers of caulk, glazing, adhesive, sealers, solvents, or similar material delivered in containers.	
	Large loads of plastic film	

<sup>1</sup>These materials may be rejected and removed by the hauler.

<sup>2</sup>These materials may be removed by the hauler if the hauler have the appropriate means and training.

**SAMPLING  
AND  
ANALYSIS PLAN**

**APPENDIX C**

## **ANALYTICAL AND PERFORMANCE CRITERIA:**

All sampling and analysis shall be done in accordance with the specified analytical method. Where a method is not specified, the methodology of the most current legal edition of "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication Number SW 846.

All samples shall be taken using quality assurance and quality control procedures that ensure samples are representative of the processed dry waste product. Analytical testing of samples will be conducted by a professional licensed firm and the results reviewed by DSWA staff or its representative.

Processed dry waste product from which samples have been collected and await analysis, will not be utilized as ADC until analysis reveal the performance criteria are achieved.

### **Initial Sampling and Analysis:**

The sample for this analysis shall be collected as follows:

During the initial day of operation, grab samples will be collected and a representative daily composite made. The collected composite sample shall be submitted for the full RCRA TCLP, and those in Tables A and B. Performance is achieved when the sample is demonstrated to be non-hazardous and the criteria specified in Tables A and B are fulfilled.

### **Demonstration Sampling and Analysis:**

Upon fulfilling the requirements of Initial Sampling and Analysis, during one operating day each week, for three consecutive weeks, grab samples will be collected and a representative daily composite made. Each collected composite sample shall be submitted for the analysis in Tables A and B. Performance is achieved when the criteria specified in Tables A and B are fulfilled. Upon demonstration the performance criteria of Tables A and B are achieved for the period, less frequent sampling may commence, this being sampling one operating day each month, for two consecutive months. Should analytical results from two consecutive monthly sampling events reveal performance as specified in Tables A and B are achieved, the less frequent sampling and analysis protocols of Verification Sampling and Analysis may be implemented.

### **Verification Sampling and Analysis:**

For one day each quarter, grab samples will be collected and a representative daily composite made. Each collected composite sample shall be submitted for the analysis in Tables 1 and 2. Performance is achieved when the criteria specified in Tables 1 and 2 are fulfilled. In the event the performance criteria in Tables 1 and 2 are not achieved, following the implementation of corrective measures, DSWA SSWMC shall implement Demonstration Sampling and Analysis to establish the performance criteria in Tables 1 and 2 are again achieved.

## BUD Analytical Requirements

Table A. Analytical and Performance Criteria

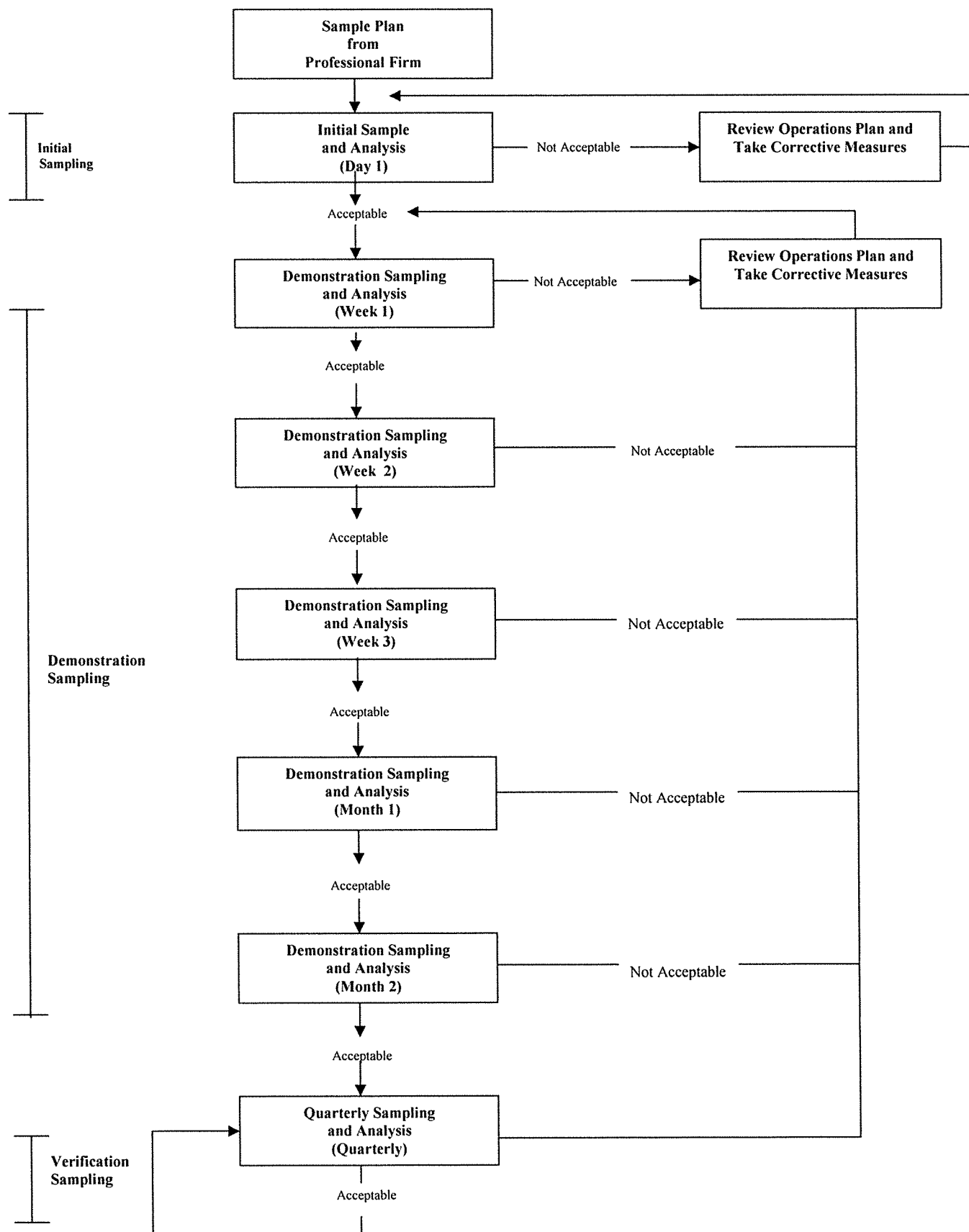
Analytical Parameter	Analytical Method	Performance Criteria
Percent Moisture	ASTM D2974	Minimum 20%
Percent Inerts	ASTM D2974 Method C	Minimum 65%
Particle Size	Modified ASTM D422	90% must pass through 2" screen
PCBs	EPA Method 8082	Must not be in excess of 3 ppm
Asbestos	PLM Dispersion Staining (40CFR763)	Must contain < 1%
Sulfate Content	EPA Method 9056	Not Applicable

Table B. Analytical and Performance Criteria

Analytical Parameter	Performance Criteria	Analytical Method
Arsenic	< 11 mg/kg	SW-846 6010B
Barium	< 14,000 mg/kg	SW-846 6010B
Cadmium	< 100 mg/kg	SW-846 6010B
Copper	< 8,200 mg/kg	SW-846 6010B
Chromium	< 610 mg/kg	SW-846 6010B
Lead	< 1,000 mg/kg	SW-846 6010B
Mercury	< 610 mg/kg	SW-846 6010B
Selenium	< 1,000 mg/kg	SW-846 6010B
Silver	< 1,000 mg/kg	SW-846 6010B

BUD Application May 10, 2007





**Evidence that the Product Use Will Not  
Adversely Affect Human Health and  
the Environment. This May Require  
Analyses and Other Tests.**

**Checklist Item #5**

## ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental  
2425 New Holland Pike  
Lancaster, PA 17601

Prepared for:

Brickhouse Environmental, Inc.  
515 S. Franklin Street  
West Chester PA 19382

November 04, 2015

**Project: DSWA (SSWMC)**

Submittal Date: 10/07/2015

Group Number: 1599024

PO Number: 530561

Release Number: 99-0702-1

State of Sample Origin: DE

Client Sample Description

ADC 10/7/15 Grab Solid

Lancaster Labs (LL) #

8080133

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at <http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/>.

ELECTRONIC DSWA

COPY TO

ELECTRONIC DSWA

COPY TO

ELECTRONIC Brickhouse Envir. Inc

COPY TO

ELECTRONIC Brickhouse Envir. Inc

COPY TO

Attn: Daniel Fluman

Attn: Shawn Kauffman

Attn: Doug Schott

Attn: Stephen Huxta

Respectfully Submitted,



Kaitlin N. Plasterer  
Specialist

(717) 556-7323



Lancaster Laboratories  
Environmental

# Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: ADC 10/7/15 Grab Solid  
DSWA (SSWMC)

LL Sample # SW 8080133  
LL Group # 1599024  
Account # 20080

Project Name: DSWA (SSWMC)

Collected: 10/07/2015 09:10

Brickhouse Environmental, Inc.

Submitted: 10/07/2015 19:45

515 S. Franklin Street

Reported: 11/04/2015 11:51

West Chester PA 19382

ADC-1

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
<b>Pesticides/PCBs</b>						
	SW-846 8082A Feb 2007 Rev 1		ug/kg	ug/kg	ug/kg	
10885	PCB-1016	12674-11-2	N.D.	23	110	5
10885	PCB-1221	11104-28-2	N.D.	30	110	5
10885	PCB-1232	11141-16-5	N.D.	52	110	5
10885	PCB-1242	53469-21-9	N.D.	21	110	5
10885	PCB-1248	12672-29-6	N.D.	21	110	5
10885	PCB-1254	11097-69-1	N.D.	21	110	5
10885	PCB-1260	11096-82-5	N.D.	32	110	5
10885	PCB-1262	37324-23-5	N.D.	21	110	5
10885	PCB-1268	11100-14-4	N.D.	21	110	5
10885	Total PCBs	1336-36-3	N.D.	21	110	5
<b>Metals</b>						
	SW-846 6010C		mg/kg	mg/kg	mg/kg	
06935	Arsenic	7440-38-2	2.38 J	0.732	5.05	1
06946	Barium	7440-39-3	18.8	0.0845	1.26	1
06949	Cadmium	7440-43-9	N.D.	0.0543	1.26	1
06951	Chromium	7440-47-3	6.08	0.124	3.79	1
06953	Copper	7440-50-8	3.59	0.353	2.52	1
06955	Lead	7439-92-1	11.5	0.404	3.79	1
06936	Selenium	7782-49-2	N.D.	1.05	5.05	1
06966	Silver	7440-22-4	N.D.	0.151	1.26	1
	SW-846 7471A		mg/kg	mg/kg	mg/kg	
00159	Mercury	7439-97-6	0.0299 J	0.0129	0.129	1
<b>Wet Chemistry</b>						
	EPA 300.0		mg/kg	mg/kg	mg/kg	
07338	Sulfate by IC (solid)	14808-79-8	2,820	130	390	20
<b>Wet Chemistry</b>						
	ASTM D422		% Passing	% Passing	% Passing	
07103	75 mm	n.a.	100	0.50	0.50	1
07103	37.5 mm	n.a.	100	0.50	0.50	1
07103	19 mm	n.a.	100	0.50	0.50	1
07103	4.75 mm	n.a.	99.5	0.50	0.50	1
07103	3.35 mm	n.a.	98.9	0.50	0.50	1
07103	2.36 mm	n.a.	97.5	0.50	0.50	1
07103	1.18 mm	n.a.	96.4	0.50	0.50	1
07103	0.6 mm	n.a.	91.6	0.50	0.50	1
07103	0.3 mm	n.a.	56.9	0.50	0.50	1
07103	0.15 mm	n.a.	16.9	0.50	0.50	1
07103	0.075 mm	n.a.	7.8	0.50	0.50	1
07103	0.064 mm	n.a.	6.0	0.50	0.50	1
07103	0.05 mm	n.a.	2.0	0.50	0.50	1
07103	0.02 mm	n.a.	N.D.	0.50	0.50	1
07103	0.005 mm	n.a.	N.D.	0.50	0.50	1
07103	0.002 mm	n.a.	N.D.	0.50	0.50	1
07103	0.001 mm	n.a.	N.D.	0.50	0.50	1
<b>Wet Chemistry</b>						
	EPA 160.3 modified		%	%	%	
00111	Moisture	n.a.	23.8	0.50	0.50	1

\*=This limit was used in the evaluation of the final result



Lancaster Laboratories  
Environmental

# Analysis Report

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: ADC 10/7/15 Grab Solid  
DSWA (SSWMC)

LL Sample # SW 8080133  
LL Group # 1599024  
Account # 20080

Project Name: DSWA (SSWMC)

Collected: 10/07/2015 09:10

Brickhouse Environmental, Inc.

Submitted: 10/07/2015 19:45

515 S. Franklin Street

Reported: 11/04/2015 11:51

West Chester PA 19382

ADC-1

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Dilution Factor
Wet Chemistry	EPA 160.3 modified	%	%	%		
Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported is on an as-received basis.						

## General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10885	PCBs 8082A/3546	SW-846 8082A Feb 2007 Rev 1	1	152890014A	10/19/2015 19:34	Jessica L Miller	5
10497	PCB Microwave Soil Extraction	SW-846 3546	1	152890014A	10/16/2015 17:40	Benjamin J Rosenberger	1
06935	Arsenic	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06946	Barium	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06949	Cadmium	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06951	Chromium	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06953	Copper	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06955	Lead	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06936	Selenium	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
06966	Silver	SW-846 6010C	1	152860637001	10/15/2015 01:18	Tara L Snyder	1
00159	Mercury	SW-846 7471A	1	152855711004	10/14/2015 11:50	Damary Valentin	1
10637	ICP/ICPMS-SW, 3050B - U4	SW-846 3050B	1	152860637001	10/14/2015 10:10	Christopher M Klumpp	1
05711	Hg-SW, 7471A - U3	SW-846 7471A modified	1	152855711004	10/13/2015 12:03	Christopher M Klumpp	1
07338	Sulfate by IC (solid)	EPA 300.0	1	15287287201A	10/15/2015 19:41	Drew M Gerhart	20
01352	Deionized Water Extraction	EPA 300.0	1	15287287201A	10/14/2015 04:15	Sandra J Miller	1
07103	Grain Size to 1 um	ASTM D422	1	15282710301A	10/09/2015 13:30	Daniel S Smith	1
00111	Moisture	EPA 160.3 modified	1	15282820010A	10/10/2015 23:29	Scott W Freisher	1

\*=This limit was used in the evaluation of the final result

## Quality Control Summary

Client Name: Brickhouse Environmental, Inc.  
Reported: 11/04/2015 11:51

Group Number: 1599024

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

## Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 152890014A	Sample number(s): 8080133								
PCB-1016	N.D.	3.6	17	ug/kg	94		76-121		
PCB-1221	N.D.	4.6	17	ug/kg					
PCB-1232	N.D.	8.0	17	ug/kg					
PCB-1242	N.D.	3.3	17	ug/kg					
PCB-1248	N.D.	3.3	17	ug/kg					
PCB-1254	N.D.	3.3	17	ug/kg					
PCB-1260	N.D.	4.9	17	ug/kg	93		79-130		
PCB-1262	N.D.	3.3	17	ug/kg					
PCB-1268	N.D.	3.3	17	ug/kg					
Total PCBs	N.D.	3.3	17	ug/kg					
Batch number: 152855711004	Sample number(s): 8080133								
Mercury	0.0167 J	0.0100	0.100	mg/kg	93		80-120		
Batch number: 152860637001	Sample number(s): 8080133								
Arsenic	N.D.	0.580	4.00	mg/kg	107		80-120		
Barium	N.D.	0.0670	1.00	mg/kg	107		80-120		
Cadmium	N.D.	0.0430	1.00	mg/kg	109		80-120		
Chromium	N.D.	0.0980	3.00	mg/kg	108		80-120		
Copper	N.D.	0.280	2.00	mg/kg	113		80-120		
Lead	N.D.	0.320	3.00	mg/kg	112		80-120		
Selenium	N.D.	0.830	4.00	mg/kg	109		80-120		
Silver	N.D.	0.120	1.00	mg/kg	103		80-120		
Batch number: 15287287201A	Sample number(s): 8080133								
Sulfate by IC (solid)	N.D.	5.0	15.0	mg/kg	94		90-110		
Batch number: 15282820010A	Sample number(s): 8080133								
Moisture					100		99-101		

## Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 152890014A	Sample number(s): 8080133 UNSPK: P081024								
PCB-1016	93	95	76-121	1	50				
PCB-1260	92	93	79-130	1	50				

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

## Quality Control Summary

Client Name: Brickhouse Environmental, Inc.  
Reported: 11/04/2015 11:51

Group Number: 1599024

### Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 152855711004	Sample number(s): 8080133 UNSPK: P074819 BKG: P074819								
Mercury	-6363 (2)	-12167 (2)	80-120	6	20	164	125	27* (1)	20
Batch number: 152860637001	Sample number(s): 8080133 UNSPK: P081159 BKG: P081159								
Arsenic	268*	226*	75-125	7	20	54.7	46.0	17	20
Barium	86 (2)	800 (2)	75-125	10	20	13,400	13,400	0	20
Cadmium	-2011 (2)	-2032 (2)	75-125	4	20	130	29.0	127*	20
Chromium	-364 (2)	1354 (2)	75-125	19	20	1,730	1,320	27*	20
Copper	-335 (2)	-498 (2)	75-125	17	20	340	262	26*	20
Lead	-6092 (2)	-4690 (2)	75-125	4	20	5,800	3,970	38*	20
Selenium	114	103	75-125	7	20	8.81	6.27	34* (1)	20
Silver	105	77	75-125	15	20	4.53	2.82	46* (1)	20
Batch number: 15287287201A	Sample number(s): 8080133 UNSPK: 8080133 BKG: 8080133								
Sulfate by IC (solid)	-1103 (2)		90-110			2,150	2,200	2	20
Batch number: 15282820010A	Sample number(s): 8080133 BKG: P082030								
Moisture						77.7	77.9	0	5

### Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: PCBs 8082A/3546  
Batch number: 152890014A

	Tetrachloro-m-xylene	Decachlorobiphenyl
8080133	97	100
Blank	110	90
LCS	104	92
MS	104	90
MSD	102	90
Limits:	53-140	45-143

\*- Outside of specification

\*\* - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.





Brickhouse  
Environmental

Environmental Consultants & Engineers

720 Old Farm Hill Road • West Chester, PA 19380 • 610.692.5770 • Fax: 610.692.8650

Project Name: DSWA (SSWIMC)

Project Location:

Southern Solid Waste Management Center

Project Number: 99-0702-1

Project Manager: Doug Schott

PO No: 530561

Bill To: Above

TAT  
☒ Normal-Standard TAT  
☐ Rush-TAT

Date Required:

Email? ☒ -Y ☐ -N dschott@brickhouse-environmental.com

Fax? ☐ -Y ☐ -N

Sample Description/Location  
(as it will appear on the lab report)

Sample Date Time

ADC- 10/7/15

ADC- 10/7/15

ADC- 10/7/15

ADC- 10/7/15

ADC- 10/7/15

ADC- 10/7/15

ADC- 10/7/15

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ADC- 10/7/15

ADC- 10/7/15

ALL SHADED AREAS MUST BE COMPLETED BY THE FIELD TECHNICIAN.

ANALYSES/METHOD REQUESTED

Percent Inerts, Asbestos, Total Metals (As, Ba, Cd, Cu, Cr, Pb, Hg, Se, Ag), Moisture, PCBs 6082A, Sulfate by IC, Grain Size

Enter Number of Containers Per Sample or Field Results Below.

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Enter Number of Containers Per Sample or Field Results Below.

Receipt Information (Receiving Lab)

Cooler Temp: 0.3-1.2 Cooler #: 1-9

Therm. ID 01121

Custody Seals Present?

(if present) Seals Intact?

COC/Labels Agree?

Cont. In Good Cond.?

Correct Containers?

Correct Sample Volumes?

Correct Preservation?

Ship. Carrier: UPS / FedEx / DHL / Other

Tracking #:

Sample/COC Comments/ID Response/Etc.

\*grind and homogenize metals sample prior to analysis

Hold Duplicate sample. Do not analyze unless instructed by Brickhouse.

Information concerning all nonconformance samples/containers shall be recorded on the COC.

State Samples Collected In

Special Processing

USACE

Navy

Reportable to PADEP?

Yes

Sample Disposal

Lab

Special

PWSID #

EDDS: Format Type

WW=Wastewater

SO=Sludge

WP=Wipe

Other Liquid

Oil

Matrix

A=Air

DW=Drinking Water

GW=Groundwater

Q=Oil

Other Liquid

Oil

Matrix

A=Air

DW=Drinking Water

GW=Groundwater

Q=Oil

Other Liquid

Oil

Matrix

A=Air

DW=Drinking Water

GW=Groundwater

Q=Oil

Other Liquid

Oil

Matrix

CHAIN OF CUSTODY/

REQUEST FOR ANALYSIS

COC #:

Lab Quote #:

of

Sample Administration  
Receipt Documentation Log

Doc Log ID: 111998

Group Number(s): 1599024

Client: Brickhouse Env.

---

Delivery and Receipt Information

Delivery Method:	<u>ELLE Courier</u>	Arrival Timestamp:	<u>10/07/2015 19:45</u>
Number of Packages:	<u>9</u>	Number of Projects:	<u>3</u>
State/Province of Origin:	<u>DE</u>		

---

## Arrival Condition Summary

Shipping Container Sealed:	No	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	No	Sample Date/Times match COC:	Yes
Samples Chilled:	Yes	VOA Vial Headspace $\geq$ 6mm:	N/A
Paperwork Enclosed:	Yes	Total Trip Blank Qty:	0
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

---

*Unpacked by Patrick Engle (3472) at 21:16 on 10/07/2015*

---

## Samples Chilled Details

*Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.*

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	1.0	DT	Wet	Y	Bagged	N
2	DT121	0.7	DT	Wet	Y	Bagged	N
3	DT121	1.2	DT	Wet	Y	Bagged	N
4	DT121	0.8	DT	Wet	Y	Bagged	N
5	DT121	0.4	DT	Wet	Y	Bagged	N
6	DT121	0.7	DT	Wet	Y	Bagged	N
7	DT121	0.3	DT	Wet	Y	Bagged	N
8	DT121	0.7	DT	Wet	Y	Bagged	N
9	DT121	0.6	DT	Wet	Y	Bagged	N

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>RL</b>	Reporting Limit	<b>BMQL</b>	Below Minimum Quantitation Level
<b>N.D.</b>	none detected	<b>MPN</b>	Most Probable Number
<b>TNTC</b>	Too Numerous To Count	<b>CP Units</b>	cobalt-chloroplatinate units
<b>IU</b>	International Units	<b>NTU</b>	nephelometric turbidity units
<b>umhos/cm</b>	micromhos/cm	<b>ng</b>	nanogram(s)
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>µg</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>mL</b>	milliliter(s)	<b>L</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>µL</b>	microliter(s)
		<b>pg/L</b>	picogram/liter
<b>&lt;</b>	less than		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## Laboratory Data Qualifiers:

- B - Analyte detected in the blank
- C - Result confirmed by reanalysis
- E - Concentration exceeds the calibration range
- J (or G, I, X) - estimated value  $\geq$  the Method Detection Limit (MDL or DL) and  $<$  the Limit of Quantitation (LOQ or RL)
- P - Concentration difference between the primary and confirmation column  $>40\%$ . The lower result is reported.
- U - Analyte was not detected at the value indicated
- V - Concentration difference between the primary and confirmation column  $>100\%$ . The reporting limit is raised due to this disparity and evident interference...

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods. Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

**WARRANTY AND LIMITS OF LIABILITY** - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

**Contracts or Letters of Intent from  
Buyers Showing There is a True  
Market for the Product**

**Checklist Item #6**



# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

January 20, 2016

## Board of Directors

Gerard L. Esposito  
Chairman  
Ronald G. McCabe  
Vice Chairman  
Theodore W. Ryan  
Timothy P. Sheldon  
Tonda L. Parks  
Gregory V. Moore, P.E.  
Norman D. Griffiths

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination # 28/053116D  
Checklist Item #6  
Letter of Intent

Dear Ms. Anthony:

The Delaware Solid Waste Authority (DSWA) requests the renewal of Beneficial Use Determination # 28/053116D (BUD 28). Southern Solid Waste Management Center (SSWMC) received 60,534 tons of construction and demolition material (C&D) in 2015. Approximately 5,115 tons of Alternate Daily Cover (ADC) were produced from this material. This ADC was used on site as daily cover. DSWA intends to continue production of ADC under BUD 28 for use at SSWMC. The production of ADC is anticipated to continue until DSWA determines that the use of this ADC is no longer appropriate for SSWMC.

If you have any questions, please feel free to contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

# **A Conceptual Closure Plan [Pursuant to Section 4.4.1 of the DRGSW]**

## **Checklist Item #7**





# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

## Board of Directors

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Norman D. Griffiths

January 20, 2016

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination # 28/053116D  
Checklist Item #7  
Conceptual Closure Plan

Dear Ms. Anthony:

Delaware Solid Waste Authority (DSWA) does not intend to produce any quantity of Alternate Daily Cover (ADC) under Beneficial Use Determination (BUD) # 28/053116D above that required by DSWA operations. Closure of this approval will be completed by using the product as ADC or landfilling surplus material.

If you have any questions, contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

**Evidence of Financial Assurance  
Demonstrating Financial  
Responsibility for Closure, as  
Described in DRGSW Section 4.1.11.2**

**Checklist Item #8**





# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

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Norman D. Griffiths

January 20, 2016

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
Dover, DE 19901

Re: Beneficial Use Determination # 28/053116D  
Checklist Item #8  
Financial Assurance for BUD Application

Dear Ms. Anthony:

Production of Alternate Daily Cover (ADC) under Beneficial Use Determination (BUD) # 28/053116D occurs at the Southern Solid Waste Management Center (SSWMC). Delaware Solid Waste Authority (DSWA) provides financial assurance for the closure of its facilities in the Financial Assurance Mechanism for Closure and Post-Closure Care prepared and submitted in accordance with Government Accounting Standards Board Statement Number 18 (GASB-18). This assurance is submitted annually to the Department of Natural Resources Solid & Hazardous Waste Management Section.

If you have any questions, please feel free to contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

**Proof that all Applicable Permits,  
Licenses and Approvals have been  
Obtained or Applied for [Pursuant to  
Section 4.4.1 of the DRGSW]**

**Checklist Item #9**



# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

January 20, 2016

## Board of Directors

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Norman D. Griffiths

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination #28/053116D  
Checklist Item #9  
Permits

Dear Ms. Anthony:

Delaware Solid Waste Authority (DSWA) has obtained the following permits for the Southern Solid Waste Management (SSWMC):

<u>PERMIT</u>	<u>REGULATORY AGENCY</u>
Solid Waste Facility Permit SW-00/01	DNREC – Division of Waste and Hazardous Substances
Air Quality Management AQM-005/00258	DNREC - Air Quality Management Branch
Air Quality Management AQM-005/00099	DNREC - Air Quality Management Branch
Air Pollution Control APC-2015/0041	DNREC - Air Quality Management Branch
Air Pollution Control APC-2015/0094	DNREC - Air Quality Management Branch
Air Pollution Control APC-2007/0108	DNREC - Air Quality Management Branch

Copies of these permits are on file. If you have any questions, please feel free to contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager

1128 S. Bradford Street, Dover, Delaware 19904  
Phone: (302) 739-5361 Fax: (302) 739-4287

CITIZENS' RESPONSE LINE: 1-800-404-7080 [www.dswa.com](http://www.dswa.com)

**Background Statement  
(Pursuant to 7 Del. C., Chapter 79)**

**Checklist Item #10**



# DELAWARE SOLID WASTE AUTHORITY

Richard P. Watson, P.E., BCEE  
Chief Executive Officer

Robin M. Roddy, P.E., BCEE  
Chief Operating Officer

## Board of Directors

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Gregory V. Moore, P.E.  
Norman D. Griffiths

January 20, 2016

Ms. Mindy Anthony  
Department of Natural Resources and  
Environmental Control  
Solid & Hazardous Waste Management Section  
89 Kings Highway  
Dover, DE 19901

Re: Beneficial Use Determination #28/053116D  
Checklist Item #10  
Background Statement

Dear Ms. Anthony:

The Delaware Solid Waste Authority (DSWA) is not required to complete the Background Statement based on the associated criteria.

If you have any questions, please feel free to contact me at 302-875-3448.

Sincerely,

James Vescovi, P.E., BCEE  
Senior Facility Manager